



Energy Policy Division Program Fact Sheets

State of Washington

Department of Community, Trade and Economic Development
128 – 10th Avenue SW | PO Box 42525 | Olympia, Washington 98504-2525 | 360/725.4000

<http://www.cted.wa.gov>



Energy Emergencies

Ensuring energy for our homes, businesses & transportation

Purpose

The Energy Emergencies program protects the health, safety and welfare of Washington's citizens. Energy shortages and emergencies have the potential to cause major damage to property, raise energy costs quickly, and put citizens' health and safety at risk.

Program planning includes avoiding energy shortages and emergencies by supporting state homeland security efforts to protect energy infrastructure: we respond to energy shortages and emergencies as they occur.

Results and Achievements

Energy shortages and emergencies are rare. The last one occurred in 2001, when there was an Energy Alert for the western electricity crisis. Efforts to increase electricity supply and reduce electricity demand were successful in Washington, avoiding the rolling blackouts that occurred in California. With assistance from CTED, utilities developed and filed curtailment plans with the state, assuring that blackouts would be managed in a fair and efficient manner.

Performance Measures

Keep decision makers informed of potential problems

Services

Energy emergencies include natural and man-made conditions. Each emergency needs a special response. Because of the risks in energy emergencies, response must be quick and effective. Good contingency plans are the basis for successful response. We review, update, and exercise our plan.

Fast Facts

- The 2001 western electricity crisis cost our state over \$1 billion. Failure to address the emergency would have resulted in higher costs
- We maintain access to a secure U.S. Department of Energy website for sharing sensitive energy management information
- We are the point of contact for energy companies on homeland security efforts in Washington

For More Information

Tony Usibelli
Assistant Director
360.956.2125
TonyU@cted.wa.gov

Energy Emergencies

Statutory Authority

RCW 43.21 F.045 (2) (a)
CTED is directed to "Prepare and update contingency plans for implementation in the event of energy shortages or emergencies."

RCW 43.21 G
Energy Supply Emergencies, Alerts

Energy companies (electric natural gas utilities and oil companies) own, operate and maintain their own systems, fixing them when they fail. The state has emergency authorities and responsibilities that must be applied along with industry efforts. We establish contacts and maintain understanding of energy industries to be an effective partner in emergency response.

We monitor and analyze emergency situations recommending and helping implement responses. CTED maintains relationships with:

- Governor's Office for energy supply emergencies
- Military Department, Emergency Management Division, for disaster response
- U.S. Department of Energy, Energy Assurance Office, for federal emergency response and energy supply emergencies



Energy Policy and Economic Development

Growing "Clean and Smart Energy" in Washington

Purpose

We encourage energy efficiency, renewable and smart energy businesses in the global marketplace.

Results and Achievements

- During the past 20 years, the Northwest region has acquired over 2,500 megawatts of efficiency improvements at an average cost of 2.2 cents per kilowatt hour, using building codes, appliance efficiency standards, retrofit programs and technical assistance.
- Our state continues to add renewable energy resources to our energy system, including the largest wind project in the country - the Stateline Project on the Oregon-Washington border.
- We have expanded biofuel usage in public fleets. In 2005 we helped open the state's first commercial biodiesel processor.
- In 2004, Washington had 240 businesses working in the clean energy industry. These companies employed over 8,300 people and revenues exceeded \$2.1 billion for the year.

Performance Measures

- Number of "Clean/Smart Energy" businesses/organizations assisted
- Development of markets for "Clean and Smart Energy" products

Services

We support development and growth of clean energy industries through technical assistance to energy companies, economic development and international trade staff. We invest in industry development through market research, incubation services, workshops and forums. The division works with companies and researchers to bring in federal research and grant dollars.

We're actively involved in regional planning processes to ensure our state has an efficient and diversified energy system. Our state is

Fast Facts

- The 300-megawatt Stateline Wind Project (on the Washington Oregon border near Touchet, WA) is the largest in the country.
- Seattle Biodiesel opened the first biodiesel processor in the state in 2005.
- Washington State is a world leader in digital relays, electricity invertors, remote metering and other "smart" electricity technologies.

Statutory Authority

RCW 43.21 (F)
State Energy Office

For More Information

Tony Usibelli
Assistant Director
360.956.2125
TonyU@cted.wa.gov

Energy Policy and Economic Development

working with many partners to create a smart energy grid and to incorporate technologies that will increase the usefulness and reliability of our system.

Incentives and opportunities:

No sales tax is charged on renewable investments.

Sixteen utilities are purchasing power through green power programs.

Design and technical assistance is available for building projects.

Net metering is offered for all renewable projects less than 25 kilowatts.

Biofuel projects are exempt from Business and Occupation taxes.

Public agencies are purchasing biodiesel for their fleets.



Implementing Federal Energy Grants

Providing the federal funds for a more energy efficient Washington

Purpose

The Energy Policy Division manages federal State Energy Program (SEP) and Oil Funds Settlement Agreements between the U.S. Department of Energy, state Attorney General's Office, the U.S. District Court, and CTED. (Also known as Contract Management/Pass Through)

Results and Achievements

In Fiscal Year 2004, our subcontractors:

- Completed 13 industrial sector energy efficiency training sessions attended by 500 people from 150 plants in Washington and around the region
- Identified energy efficiency measures for two public housing agencies working on the construction of hundreds of new low income housing units
- Performed on site energy code training at 16 code jurisdictions, training over 200 building professionals and responded to over 300 telephone or email technical assistance requests

Performance Measures

Assistance & information provided to Washington residents

Services

We subcontract with the Washington State University Extension Energy Program, the Washington State Department of Transportation, and other entities to perform contract functions, which are responsible to the federal government.

We work with the WSU Energy Program, other state agencies, public and private organizations to identify and secure federal funds for and projects that support state energy priorities. These may include energy education, energy efficiency in public buildings, improved energy codes, renewable energy, alternative fuel development, and economic development and industrial competitiveness.

Fast Facts

- Each year, Washington receives between a half million and \$1 million dollars in competitive grants from the U.S. Department of Energy Special Program
- In FY 2003, the WSU Energy Program received more than 39,000 requests for energy information and trained over 1,000 people in energy efficiency.

Statutory Authority

RCW 43.21 (F)
State Energy Office

For More Information

Tony Usibelli
Assistant Director
360.956.2125
TonyU@cted.wa.gov

Implementing Federal Energy Grants



State Energy Policy Analysis

Energy policy support, analysis, & information for decision makers

Purpose

The Energy Policy Division is a vital source of policy support, analysis, and information for the Governor, Legislature, the agency, and other energy decision makers.

Results and Achievements

We support increasing renewable energy in Washington State. From January to September 2005, there was a 57 percent increase in renewable energy sales over 2004.

Performance Measures

Increase in the state's electricity consumption from renewable resources

Services

We provide analysis and data on energy issues including: natural gas and petroleum supply and pricing, alternative fuels development, energy efficiency, renewable energy development, reduction of greenhouse gas emissions, and energy supply and price stability.

We provide technical and policy support to Washington members of the Northwest Power and Conservation Council, state agencies, and state congressional officials on federal and regional energy policies and legislation.

Fast Facts

- Washington's voluntary green power electricity sales increased 57 percent in one year (2004-2005).
- The Northwest Power and Conservation Council estimates that there are more than 2,500 average megawatts of cost effective electricity savings still available in the region.
- Washington has the strictest CO2 reduction requirements for new power plants in the United States.

Statutory Authority

RCW 43.21 (F)
State Energy Office

For More Information

Tony Usibelli
Assistant Director
360.956.2125
TonyU@cted.wa.gov

State Energy Policy Analysis

Working with advisory committees, stakeholders, and the public, we develop and implement the State Energy Strategy. We produce the Biennial Energy, Green Power, Fuel Mix Disclosure, and technical reports. We represent the state's policy interests in regional and national organizations.